

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: July 1, 1992  
Date Submitted: June 25, 1992  
Project: 7238 & 7201, Acid Strength, PO #M25039

**RESULTS OF ANALYSES OF THE ACID SAMPLES  
FOR PERCENT ACID AS  $\text{HNO}_3$**

<u>Sample #</u>	<u>Percent Acid as <math>\text{HNO}_3</math></u>
M25039A 3600 Tank	7.1
M25039B 3200 Lg Tank	8.0
M25939C 3200 Sm Tank	6.9
 <u>Quality Assurance</u>	
M25039A (Duplicate)	6.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: July 1, 1992  
Date Submitted: June 25, 1992  
Project: 7238 & 7201, Acid Strength, PO #M25039

**RESULTS OF ANALYSES OF THE ACID SAMPLES  
FOR SPECIFIC GRAVITY**

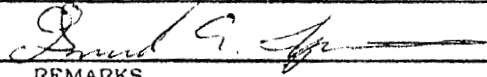
<u>Sample #</u>	<u>Specific Gravity</u>
M25039A 3600 Tank	1.07
M25039B 3200 Lg Tank	1.25
M25939C 3200 Sm Tank	1.19
 <u>Quality Assurance</u>	
M25039A (Duplicate)	1.07

FRIEDMAN & BRUYA, INC.  
3008-B 16th Avenue West  
Seattle, WA 98119

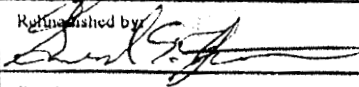
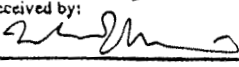
## SAMPLE CHAIN OF CUSTODY

Send Report To:

Company ALASKAN Copper Works Contact Gerald Thompson  
Address 628 Hancock St.  
City, State, Zip Seattle WA 98134  
Phone # (206) - 823-5300 x 218 Date 6/25/92

SITE NO.	PROJECT NAME	PURCHASE ORDER #
7238 & 7201	Acid Strength	M
SAMPLERS (signature)		PROJECT LOCATION
		3200 & 3600 Acid Tanks
REMARKS		SAMPLE DISPOSAL INFORM.
Sample A Please Call with Results.		<input type="checkbox"/> Dispose after 30 days <input checked="" type="checkbox"/> Return Samples <input type="checkbox"/> Call for Instructions

SAMPLE #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested
M 25039 A	6/25 11:00	Acid (Grab)	1	30483	SP. Gravity + % HNO <sub>3</sub>
3600 Tank					
M 25039 B	6/25 11:45	Acid (Grab)	1	30484	SP. Gravity + % HNO <sub>3</sub>
3200 Lg Tank					
M 25039 C	6/25 11:45	Acid (Grab)	1	30485	SP Gravity + % HNO <sub>3</sub>
3200 Sm Tank					

SIGNATURE	PRINT NAME	COMPANY	Date	Time
	Gerald Thompson	Alaskan Copper Works	6/25/92	12:13 pm
Received by: 	Mark Z Perin	FBI.	6/25/92	12:15 pm
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman  
James E. Bruya, Ph.D.  
(206) 285-8282

3008-B 16th Avenue West  
Seattle, WA 98119  
FAX: (206) 283-5044

DUPLICATE COPY

INVOICE # 92ACU0701-1

July 1, 1992

Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

Re: Billing for the analyses of the environmental samples  
submitted on June 25, 1992 from Project 7238 & 7201,  
Acid Strength, PO #M25039 and reported to Gerald  
Thompson, Project Leader.

3 acid samples analyzed for Percent Acid and Specific Gravity @ \$40 per sample	\$ <u>120.00</u>
--	------------------

Amount Due .....	\$ 120.00
------------------	-----------

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman  
James E. Bruya, Ph.D.  
(206) 285-8282

3008-B 16th Avenue West  
Seattle, WA 98119  
FAX: (206) 283-5044

July 1, 1992

Gerald Thompson, Project Leader  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results of the analyses of the samples submitted on June 25, 1992 from Project 7238 & 7201, Acid Strength, PO #M25039.

We appreciate this opportunity to be of service to you on this project. If you have any questions regarding this material, or if you just want to discuss any aspect of your projects, please do not hesitate to contact me.

Sincerely,



Mark Z Perin, Chemist

MZP

Enclosures